Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 14 Oct 2022 until 23:59 on Saturday 15 Oct 2022

Forecast Issued on Thursday 13 Oct 2022 at 16:14

Confidence: Medium

Headline for Friday 14 Oct 2022: Dry, bright and breezy around the middle of the day.

Mountain weather hazards on Friday 14 Oct 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	MIST					
Cloudy	Fog	Mist	Cloudy	Sunny intervals	Sunny intervals	Light rain	Cloudy
Precipitation probability							
20%	20%	10%	<05%	<05%	10%	50%	30%

Forecast for Friday 14 Oct 2022

Weather: Low cloud, mist and patchy drizzle overnight and early morning. This should lift and break with some bright or sunny spells. However, thickening cloud and occasional rain pushing down from the northwest later in the afternoon and early evening.

Chance of cloud-free hill tops above 600m: 90%, but 40% early and late in the day

Low cloud and visibility: Extensive cloud, base 600 m, patches to 300m, early and late in the day, but lifting and breaking above the tops around the middle of the day. Visibility moderate or poor in any rain, drizzle and mist, occasionally very poor over the tops. Otherwise good or very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 14 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 SW	16/22 SW	13/17 SW	15/19 SW	16/21 SW	15/21 SW	14/18 W	12/15 SW	13/17 SW
300	12/20 SW	12/18 SW	9/14 SW	10/14 SW	12/17 SW	12/18 SW	10/14 W	7/10 SW	8/12 S
Valley	7/19 SW	7/17 SW	5/13 SW	7/13 SW	8/15 SW	9/18 SW	6/13 W	4/9 SW	4/12 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	8/5	8/5	10/6	10/7	8/5	7/4	6/3
300	11/8	10/8	10/8	11/9	12/10	13/11	10/8	9/8	9/7
Valley	11/9	11/9	10/9	11/10	14/12	13/12	11/10	10/9	9/8
Freezing Level*	2100m	2000m	1800m	1600m	1800m	1900m	1900m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty of how quickly conditions will deteriorate through the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 13 Oct 2022	5.8mm	7.6mm	7.6mm

Forecast for Saturday 15 Oct 2022

Weather: Showers merging into a longer spell of rain heavy early in the morning, a small risk of hail and the odd thunderstorm. Skies brightening and the showers becoming more scattered by midday, bright spells and further showers during the afternoon with the showers continuing through the evening. The showers still heavy with a continuing risk of hail and thunderstorms.

Maximum wind: Southwest 25 to 30mph gusting 40mph with a significant wind chill.

Chance of cloud-free hill tops above 600m: 90%, lowering significantly in and around showers

Low cloud and visibility: Cloud mainly above the tops, but lowering 600m or less rain and showers. Visibility very good, falling moderate or poor in rain or showers.

Temperature: **Valleys:** Plus 7 Celsius rising to 15 Celsius
At 600m: Plus 4 to 6 Celsius
Freezing level: Above the summits

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